**Project Development Phase**

**Model Performance Test**

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| Date | 19 November 2023 |
| Team ID | 591944 |
| Project Name | Time series analysis for bitcoin price prediction using prophet |
| Maximum Marks | 10 Marks |

**Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

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| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Metrics | **Regression Model:** MAE - 8917.99096811744,  MSE - 199045626.7284017 ,  RMSE - 14108.353083489288,  **R2 score** - 0.2228885263459951 |  |
|  | Tune the Model | Hyperparameter Tuning -  Best Hyperparameters: {'changepoint\_prior\_scale': 0.001, 'seasonality\_prior\_scale': 0.01}  Validation Method - |  |